

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-204945

(43)Date of publication of application : 23.07.2002

(51)Int.Cl.

B01J 4/02  
C12M 1/00  
G01N 1/00  
G01N 37/00  
// G01N 33/53

(21)Application number : 2001-287727

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(22)Date of filing : 20.09.2001

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(30)Priority

Priority number : 2000315643 Priority date : 16.10.2000 Priority country : JP

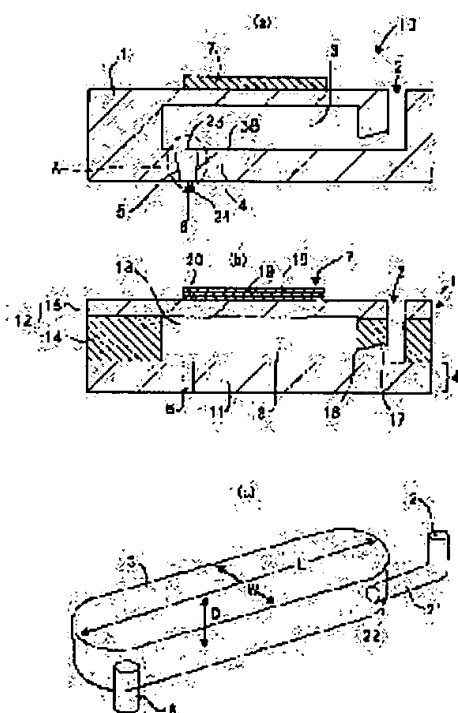
## (54) MICROPIPET, DISPENSER, AND METHOD FOR PRODUCING BIOCHIP

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a micropipet used in fields such as the production of biochips such as DNA microarrays, to provide a dispenser, and to provide a method for producing a biochip.

SOLUTION: In the micropipet 10, a port 2 that pours a specimen, a cavity 3 that holds the specimen, and a port 6 that delivers the sample to the external are formed on the pipette body 1; a piezoelectric/electrostrictive element 7 is formed on the external surface of the body 1; the volume of the cavity 3 is changed by driving the element 7; a definite amount of the specimen held in the cavity 3 is delivered from the port 6, and it is characterized in that the shape of a cross section rectangular to the axial direction is a polygonal one

having at least three protrusions radially protruding from the center and having interior angles including acute and obtuse angles or a crown one defined by a curve connecting the



protrusions, the area of the cross section changes in a manner that it continuously and gradually decreases over the distance between the specimen inlet end 23 of a through-hole 5 and the specimen exit end 24 while it keeps approximately similar figures.

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#### LEGAL STATUS

[Date of request for examination] 10.02.2003

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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